

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:)	Electronically filed on <u>March 2, 2007</u>
)	
Koenck, et al.)	
)	
Serial No.: 10/622,241)	
)	
Filed: July 18, 2003)	
)	
For: MODULAR PORTABLE DATA)	
PROCESSING TERMINAL FOR USE IN A)	
RADIO FREQUENCY COMMUNICATION)	
NETWORK)	
)	
Examiner: Minh D Dao)	
)	
Group Art Unit: 2618		
Conf. No.: 3123		

**LITIGATION STATEMENT PURSUANT TO MPEP § 2001.06(C) and INFORMATION
DISCLOSURE STATEMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The owner of record of the present application, Broadcom Corporation, is currently involved in a patent infringement action with Qualcomm, Inc., Civil Action No. 05-1392, pending in the Southern District of California.

Pursuant to MPEP 2001.06(c), the Applicants would like to bring to the attention of the U.S. Patent and Trademark Office that the subject matter currently being claimed in the present application may be related to at least one of the patents currently asserted by Broadcom in the above-mentioned lawsuit.

The Applicants attaches in this electronic submission a completed PTO form PTO/SB/08A which has four (4) pages, as well a copy of each printed reference listed in the enclosed form PTO/SB/08A. Applicants, however, have not submitted U.S. Patents or other references previously provided to or by the PTO in this application. Fifty-five (55) references are attached.

The references being submitted have been either cited, produced or relied upon by Qualcomm thus far during the above-mentioned actions. This submission is in no way intended as an admission that the submitted references constitute prior art under any subsection of 35 U.S.C. §102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

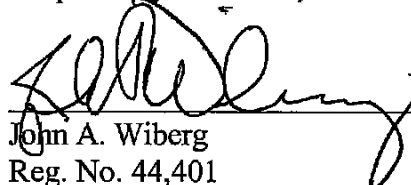
The Examiner is requested to initial both copies of the attached PTO/SB/08A and return one copy to the applicants to indicate consideration of the attached references.

A fee in the amount of \$180 is believed to be due because:

- * The applicant(s) believe(s) that this statement and enclosures are being filed after the first Office action on the merits has been mailed by the PTO. The basis of this belief is that an Office action on the merits appears to have been received by the undersigned to date.

The Commissioner is hereby authorized to charge any fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

Respectfully submitted,



John A. Wiberg
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(312) 775-8000

Date: March 2, 2007

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/622,241
Filing Date	July 18, 2003
First Named Inventor	Steven E. Koenck
Group Art Unit	2618
Examiner Name	Minh D. Dao
Attorney Docket Number	14410US02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,707,829	11-17-1987	Pendse	
	A2	4,910,794	03-20-1990	Mahany	
	A3	4,945,532	07-31-1990	Hald	
	A4	5,070,536	12-03-1991	Mahany	
	A5	5,175,537	12-29-1992	Jaffe	
	A6	5,214,647	05-25-1993	Komatsu	
	A7	5,295,154	03-15-1994	Meier	
	A8	5,359,320	10-25-1994	Jaffe	
	A9	5,485,147	01-16-1996	Jeffe	
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	A13	4,332,027	05-25-1982	Malcolm	
	A14	4,661,902	04-28-1987	Hochsprung	
	A15	4,689,786	08-25-1987	Sidhu	
	A16	4,987,571	01-22-1991	Haymond	
	A17	5,164,942	11-17-1992	Kameran	
	A18	5,673,031	09-30-1997	Hill	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1	JP 1117533	05-10-1989	Inoue		
	B2	JP 1119146	05-11-1989	Murono		
	B3	JP 1143536	06-06-1989	Deguchi		
	B4	JP 1152837	05-15-1989	Courtois		
	B5	JP 1305637	12-08-1989	Tanaka		
	B6	JP 2051922	02-21-1990	Iijima		
	B7	JP 3268534	11-29-1991	Yamaguchi		
	B8	JP 4123628	04-23-1992	Shikoku		
	B9	JP 4199934	07-21-1992	Hiroyuki		

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SIGNATURE****DATE CONSIDERED**

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

J:\OPEN\phs\Broadcom (1772)\Qualcomm\Litigation Statement & IDS Project\San Diego 05-1392 Litigation Statement & IDS\6,714,559 Collision Detection and Reduction Patents\14410US02\14410US02- PTOSB08A.doc

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/622,241	
Sheet		2	Of	4	Filing Date	July 18, 2003
					First Named Inventor	Steven E. Koenck
					Group Art Unit	2618
					Examiner Name	Minh D. Dao
					Attorney Docket Number	14410US02

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		Country Code ² -Number ³ -Kind Code ⁴ <i>(if known)</i>				
	B10	JP 4259140	09-14-1992	Kobayashi		
	B11	JP 5253132	10-05-1993	Toshiyuki		
	B12	JP 58159036	09-21-1983	Hasegawa		
	B13	JP 61100041	05-19-1986	Yamaoa		
	B14	JP 61251251	11-08-1986	Hirasawa		
	B15	WO 96-10304	04-04-1996	Sherer		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	ANDREWS, et al., "Inside Apple Talk, 2nd Edition", Addison-Wesley Publishing Company
	C2	FAKHOURI et al., "Coding And Multiple Access Techniques For Data Transmission In Land-Mobile Satellite Networks", IEEE Pacific Rim Conference On Communications, Computers And Signal Processing, pp. 410-413, 05/09-10/1991
	C3	GLASS et al., "Broad-Band Networks For LAN And Radio Applications", IEEE 38 th Vehicular Technology Conference, pp. 44-51, 06/15-17/1988
	C4	HASHEMI et al., "An Efficient Reservation System For Local Area Networks Based On CSMA/CD", IEEE Pacific Rim Conference On Communications, Computers And Signal Processing, pp. 1-4, 06/01-02/1989
	C5	HU et al., "Collision Resolution Algorithms For CDMA Systems", IEEE Journal On Selected Areas In Communications, Vol. 8, Ho. 4, pp. 542-554, 05/1990
	C6	KARN, "MACA - A New Channel Access Method For Packet Radio", ARRL/CRRL Amateur Radio 9 th Computer Networking Conference, pp. 134-140, 09/1990
	C7	KLEINROCK et al., "Packet Switching In Radio Channels: New Conflict-Free Multiple Access Schemes", IEEE Transactions On Communications, Vol. COM-28, No. 7, pp. 1015-1029, 07/1980
	C8	KLEINROCK, "On Queueing Problems In Random-Access Communications", IEEE Transactions On Information Theory, Vol. IT-31, No. 2, pp. 166-175, 03/1985
	C9	KLEINROCK, "On Resource Sharing In A Distributed Communication Network", IEEE Communications Magazine, pp. 27-34, 01/1979
	C10	LEINER et al., "Issues In Packet Radio Network Design", IEEE Proceedings, Vol. 75, No. 1, pp. 6-20, 01/1987

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	3	Of	4

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C11	ONUNGA et al., "Personal Computer Communications On Intrabuilding Power Line LAN's Using CSMA With Priority Acknowledgements", IEEE Journal On Selected Areas In Communications, Vol. 7, No. 2, pp180-191, 02/1989
	C12	PEHA et al., "Implementation Strategies For Scheduling Algorithms In Integrated-Services Packet-Switched Networks", Global Telecommunications Conference, 1991, GLOBECOM '91, pp.1733-1740, 12/02-05/1991
	C13	SCHOLL et al., "On A Mixed Mode Multiple Access Scheme For Packet-Switched Radio Channels", IEEE Transactions On Communications, Vol. COM-27, No. 6, pp. 906-911, 06/1979
	C14	TAKAGI et al., "A Tutorial On The Analysis Of Polling Systems", Computer Science Dept., Univ. Of Calif., Los Angeles, 06/01/1984
	C15	TAN et al., "A New Free-Access Collision Resolution Algorithm Based Connection Request procedure For Land Mobile Satellite Systems", INFOCOM '89, Eighth Annual Joint Conference Of The IEEE Computer And Communications Societies Proceedings, pp. 1057-1062, 1989
	C16	TANENBAUM, Computer Networks, Prentice-Hall, Inc., 1981
	C17	TANENBAUM, Computer Networks, 2nd Edition, Prentice-Hall, Inc., 1988
	C18	TOBAGI et al, "Packet Switching In Radio Channels: Part IV Stability Considerations And Dynamic Control In Carrier Sense Multiple Access", IEEE Transactions On Communications, Vol. COM-25, No. 10, pp. 1130-1119, 10/1977
	C19	TOBAGI et al., "Packet Radio And Satellite Networks", IEEE Communications Magazine, Vol. 22, No. 11, pp. 24-40, 11/1984
	C20	TOBAGI et al., "Packet Switching In Radio Channels : Part III-Polling and (Dynamic) Split-Channel Reservation Multiple Access", IEEE Transactions On Communications, Vol. COM-24, No. 8, pp. 832-845, 08/1976
	C21	TOBAGI et al., "Packet Switching In Radio Channels: Part I-Carrier Sense Multiple-Access And Their Throughput-Delay Characteristics", IEEE Transactions On Communications, Vol. CCOM-23, No. 12, pp. 1400-1416, 12/1975.
	C22	TOBAGI et al., "Packet Switching In Radio Channels: Part II-The Hidden Terminal Problem In Carrier Sense Multiple-Access And The Busy-Tone Solution", IEEE Transactions On Communications, Vol. CCOM-23, No. 12, pp. 1417-1433, 12/1975.
	C23	TOBAGI, "Multiaccess Protocols In Packet Communication System", IEEE Transactions On Communications, Vol. COM-28, No. 4, pp. 468-488, 04/1980
	C24	YUE, "Performance Analysis Of Cellular Mobile Radio Systems Using Slotted ALOHA Protocol With Capture", IEEE Pacific Rim Conference On Communications, Computers And Signal Processing, pp. 550-553, 05/09-10/1991

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	C25	Plaintiff and Counterdefendant Qualcomm Incorporated's Preliminary Invalidity Contentions For U.S. Patent Nos. 5,500,872, 5,627,412, 5,946,344, 6,075,807, 6,320,896, And 6,714,559
	C26	JOHNSON, "Thoughts on an Adaptive Link Level Protocol." Tucson Amateur Packet Radio Colorado Springs, 1989
	C27	SIDHU et al., "Inside Appletalk", Second Edition, Addison-Wesley Publishing Company, Inc., 1990
	C28	Claim Construction Order for U.S. Patent No. 6,714,559
	C29	BACKES, "Spanning Tree Bridges, Transparent Bridges for Interconnection of IEEE 802 LANS", IEEE Network, Vol. 2, No. 1, 01/1988
	C30	HUANG et al., "Throughput Analysis And Protocol Design For CSMA and BTMA Protocols Under Noisy Environments", IEEE Proceedings-I, Vol. 139, No. 3, 06/1992
	C31	JOHNSON, "Thoughts on an Adaptive Link Level Protocol"
	C32	KIESEL et al., "A New CSMA-CD Protocol for Local Area Networks with Dynamic Priorities and Low Collision Probability", IEEE Journal on Selected Areas in Communications, Vol. SAC-1, No. 5, 11/1983
	C33	KLEINROCK et al., "Spatial Reuse in Multihop Packet Radio Networks", Proceedings of the IEEE, Vol. 75, No. 1, 01/1987
	C34	MARSAN et al., "Multichannel Local Area Network Protocols", IEEE Journal on Selected Areas in Communications, Vol. SAC-1, No. 5, 11/1983
	C35	ONUNGA et al., "Performance Analysis of CSMA with Priority Acknowledgments (CSMA/PA) on Noisy Data Networks with Finite User Population", IEEE Transactions on Communications, Vol. 29, No. 7, 07/1991
	C36	PURSLEY, "The Role of Spread Spectrum in Packet Radio Networks", Proceedings of the IEEE, Vol. 75, No. 1, 01/1987
	C37	TAKAGI et al., "Throughput Analysis for Persistent CSMA Systems", IEEE Transactions on Communications, Vol. Com-33, No. 7, 07/1985
	C38	TSAO, "A Local Area Network Architecture Overview, Defining LAN Environments and User Needs", IEEE Communications Magazine Vol. 22, No. 8, 08/1984
	C39	Yang, Yaling and Kravets, Robin, "Contention-Aware Admission Control for Ad Hoc Networks", IEEE Transactions on Mobile Computing, Vol. 4, No. 4, 07/2005-08/2005
	C40	December 12, 2005 Case Management Order in Qualcomm Inc. v. Broadcom Corp., 05-cv-1392 B (BLM)

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